Index of Claims

| Appl | ication | /Contro | l No. |
|------|---------|---------|-------|

10/523,758 Examiner Applicant(s)/Patent under Reexamination

ALATALO ET AL.
Art Unit

Travis M. Reis

2859

| <b>√</b> | Rejected |
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|   | Interference |

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| CI    | aim      | m Date         |  |  |          |              |               | 1                   | Claim Date .  |          |    |          |          |              |          |                 |          |                 | Cla      | im       | Date          |          |          |              |            |   |          |   |                |          |                  |          |               |   |
|-------|----------|----------------|--|--|----------|--------------|---------------|---------------------|---------------|----------|----|----------|----------|--------------|----------|-----------------|----------|-----------------|----------|----------|---------------|----------|----------|--------------|------------|---|----------|---|----------------|----------|------------------|----------|---------------|---|
|       |          | ╁              | _  | т-   | —        | Jal<br>T     | T             | т                   | т             | т—       | ł  |          | all 11   | $\vdash$     | _        |                 |          | Jack            |          | -        | i i           |          | $\vdash$ |              | 1111       |   | r -      |   |                |          | _                | <u> </u> |               | _ |
| Final | Original | 4/11/06        |  |  |          |              |               |                     |               |          |    | Final    | Original |              |          |                 |          |                 |          |          |               |          | i i      | <u> </u>     | Original   |   |          |   |                |          |                  |          |               |   |
|       | 1        | Π              |  |  | Г        | Г            | Г             |                     | П             | Г        | 1  |          | 51       | Γ            | Π        |                 |          |                 |          |          |               |          |          | ·            | 101        |   |          |   |                |          |                  |          |               |   |
|       | 2        |                |  |  |          |              |               |                     |               |          |    |          | 52       |              |          |                 |          |                 |          |          |               |          |          |              | 102        |   |          |   |                |          |                  |          |               |   |
|       | 3        |                |  |  |          |              |               |                     | Γ             |          |    |          | 53       |              |          |                 |          |                 |          |          |               |          |          |              | 103        |   |          |   |                |          |                  |          |               |   |
|       | 4        |                |  |  |          |              |               |                     |               |          |    |          | 54       |              |          |                 |          |                 |          |          |               |          |          |              | 104        |   |          |   |                |          |                  |          |               |   |
|       | 5        |                |  | _  | L        |              |               |                     |               |          |    |          | 55       |              |          |                 |          |                 |          |          |               | _]       | L        |              | 105        |   |          |   |                |          |                  |          |               | L |
|       | 6        | <u> </u>       | <u> </u>   | <u> </u>   |          | <u> </u>     | <u> </u>      | <u>↓</u>            | <u> </u>      |          | Į  |          | 56       | <u> </u>     |          |                 |          |                 |          |          |               | _        | L        | _1           | 106        |   |          |   |                |          | <u></u>          |          |               | L |
|       | 7        | <u> </u>       |  | _  |          | ╙            | $\perp$       | $\perp$             |               |          |    |          | 57       | <u> </u>     |          |                 |          |                 |          |          | $\sqcup$      | 4        |          | $\dashv$     | 107        |   |          |   | _              | Ш        |                  |          |               |   |
|       | 8        |                | _  | <u></u>  | _        | _            | ╙             | _                   | _             |          |    |          | 58       |              |          |                 |          |                 | _        |          | $\perp$       | _        |          | _            | 108        |   |          |   |                |          |                  |          |               |   |
|       | 9        | ļ              | <u> </u>   | _  | ļ.,      | <u> </u>     | ↓             | 1                   | ▙             |          |    |          | 59       | _            |          |                 |          |                 | _        |          |               | _        | <u> </u> | $\dashv$     | 109        |   |          |   |                |          |                  | Ш        |               | _ |
| _     | 10       | <u> </u>       | <u> </u>   | _  | _        | ⊢            | -             | ╀                   | ├             | _        |    |          | 60       | _            |          | _               |          | _               | _        |          | $\rightarrow$ | _        | <u> </u> | -            | 110        |   |          | _ | _              | _        | _                | _        | _             | _ |
| 1     | 11       | =              | ⊢  | -  | -        | ┝            | ┼             | $\vdash$            | ⊢             | -        |    |          | 61       | <u> </u>     |          |                 |          |                 | $\dashv$ | _        | $\rightarrow$ | _        | $\vdash$ | $\dashv$     | 111        |   |          | _ | ⊢              |          | _                | $\vdash$ | -             | _ |
| 2     | 12<br>13 | =              | <del> </del>                                     |  |          | -            | ╁             | -                   | <del> </del>  | -        |    |          | 62<br>63 | -            |          |                 | $\vdash$ | $\vdash$        |          | -        | $\dashv$      | $\dashv$ | $\vdash$ | 4            | 112<br>113 | _ | H        | _ | ├-             | $\vdash$ | -                | $\vdash$ | _             | - |
| 3     | 13       | =              |  |  | -        | -            | +             | $\vdash$            | $\vdash$      | $\vdash$ |    |          | 64       |              |          | $\vdash$        | $\vdash$ | $\vdash \vdash$ | $\dashv$ |          | $\vdash$      | $\dashv$ | $\vdash$ | $\dashv$     | 113        |   | $\vdash$ |   | $\vdash$       | H        | $\vdash$         | -        | _             | - |
| 5     | 15       | =              | -  | -  | +-       | -            | ╁             | +                   | +-            | $\vdash$ |    | <u> </u> | 65       | $\vdash$     | -        | $\vdash$        | $\vdash$ |                 | $\dashv$ | $\vdash$ | $\vdash$      | $\dashv$ | $\vdash$ | $\dashv$     | 115        |   |          |   | $\vdash$       | $\vdash$ | $\vdash$         | $\vdash$ |               | - |
| 6     | 16       | =              | ⊢  |  | $\vdash$ | ├            | ╁             | ╁                   | ╁             | -        |    |          | 66       | -            | -        | _               |          | $\dashv$        | $\dashv$ | -        | $\dashv$      | $\dashv$ | $\vdash$ | +            | 116        | _ | _        | _ | ┝              | _        | H                | H        | $\overline{}$ | _ |
| 7     | 17       | =              | -  |  | ⊢        | ⊢            | +             | ╁                   | $\vdash$      | $\vdash$ |    |          | 67       |              |          |                 |          |                 | $\dashv$ |          | $\dashv$      | $\dashv$ | $\vdash$ | +            | 117        | _ |          | - | -              |          | <del> </del>     |          |               |   |
| 8     | 18       | =              | -  |  | ┢        | ⊢            | ╁             | ╁                   | ╁             | ⊢        |    |          | 68       |              |          |                 | $\dashv$ |                 | $\dashv$ | $\vdash$ | $\dashv$      | $\dashv$ |          | $\dashv$     | 118        |   |          |   | <del>  -</del> |          |                  | $\vdash$ |               | - |
| 9     | 19       | =              | $\vdash$   |  | $\vdash$ |              | +             | +                   | $\vdash$      | $\vdash$ |    |          | 69       |              |          | -               | -        | $\vdash$        |          | -        | -             | -        | -        | $\dashv$     | 119        |   |          | _ |                |          | -                | -        |               | - |
| 10    | 20       | =              | ┢  | -  | ┢        | ╁            | ╁             | ╁╌                  | $\vdash$      | -        |    |          | 70       | -            | 1        |                 |          |                 | $\dashv$ |          | $\vdash$      | -        | $\vdash$ | +            | 120        |   |          |   | $\vdash$       |          | H                |          |               |   |
| 11    | 21       | =              | <del>                                     </del> |  | ┢        | $\vdash$     | $\vdash$      | ╁                   | $\vdash$      | -        | ١. |          | 71       | _            | -        | _               | $\neg$   |                 | $\neg$   |          |               | $\dashv$ | $\vdash$ | $\dashv$     | 121        |   |          |   | $\vdash$       | _        | $\vdash$         | Н        | _             | _ |
| 12    | 22       | =              |  |  | H        |              | ŀ             | ╁                   | T-            | $\vdash$ |    |          | 72       | ┢            |          | -               |          |                 | $\neg$   |          |               | _        | $\vdash$ | 十            | 122        |   |          |   | $\vdash$       |          |                  | Н        | _             |   |
| 13    | 23       | =              | _  |  | T        |              |               | T                   |               | Г        |    |          | 73       |              |          |                 | $\neg$   |                 | 一        |          |               |          |          | 寸            | 123        |   |          |   |                |          |                  | Н        |               |   |
| 14    | 24       | =              | Т  |  | ऻऻ       | Г            | T             | T                   |               |          |    |          | 74       |              |          |                 |          |                 |          |          |               | 7        |          | 寸            | 124        |   |          |   |                |          |                  |          |               |   |
| 15    | 25       | =              | _  | _  |          |              |               |                     |               |          |    |          | 75       |              |          |                 |          |                 |          |          |               |          |          |              | 125        |   |          |   |                |          |                  |          |               |   |
| 16    | 26       | =              |  |  |          | Γ            | Τ             | T                   | T             |          |    |          | 76       |              |          |                 |          |                 |          |          |               | ヿ        |          |              | 126        |   |          |   |                |          |                  |          |               |   |
|       | 27       |                |  | _  |          |              |               |                     |               |          |    |          | 77       |              |          |                 |          |                 |          |          |               |          |          |              | 127        |   |          |   |                |          |                  |          |               |   |
|       | 28       |                |  |  | Π        |              | Т             |                     |               |          |    |          | 78       |              |          |                 |          |                 |          |          |               |          |          | $\Box$       | 128        |   |          |   |                |          |                  |          |               |   |
|       | 29       |                |  |  |          |              |               |                     |               |          |    |          | 79       |              |          |                 |          |                 |          |          |               |          |          |              | 129        |   |          |   |                |          |                  |          |               |   |
|       | 30       |                |  |  |          |              |               |                     |               |          |    |          | 80       |              |          |                 |          |                 |          |          |               |          |          | $\perp$      | 130        |   |          |   |                |          |                  |          |               |   |
|       | 31       | <u> </u>       |  | L_   |          | _            | <u> </u>      | *                   |               |          |    |          | 81       | <u></u>      |          |                 |          |                 |          |          |               | _        | $\perp$  | _            | 131        |   |          |   |                |          |                  | Ш        |               |   |
|       | 32       | L_             |  | L  | <u> </u> | _            | _             |                     |               |          |    |          | 82       | L_           |          |                 |          |                 | $\dashv$ |          |               | _        | <u> </u> | $\dashv$     | 132        | _ |          |   |                |          |                  |          | _             |   |
|       | 33       | <u> </u>       |  | <u> </u>   | <u> </u> | lacksquare   | <u> </u>      | <u> </u>            | _             | L.,      |    |          | 83       | <u> </u>     | Щ        | Щ               |          |                 |          |          | $\sqcup$      | _        | $\perp$  | $\downarrow$ | 133        |   |          |   | Ш              |          | <u> </u>         | Ш        | _             |   |
|       | 34       | <u> </u>       | <u> </u>   | _  | <u> </u> | $\vdash$     | _             | _                   | ـــ           | $\vdash$ |    |          | 84       | <u> </u>     | Щ        |                 |          |                 | _        | _        | $\dashv$      | _        | $\vdash$ | $\dashv$     | 134        |   |          |   | <u> </u>       |          | lacksquare       | Ш        | _             |   |
|       | 35       | <del> </del>   | <u> </u>   | _  | ├_       | <del> </del> | ⊢             | ┼                   |               | _        |    |          | 85       | <del> </del> |          | $\vdash \dashv$ | <b>—</b> | _               |          |          |               | _        |          |              | 135        |   |          |   | <b>_</b>       | _        |                  |          |               |   |
|       | 36       | <del> </del> — | <u> </u>   | -  | ⊬        | <u> </u>     | <del> </del>  |                     | <u> </u>      |          |    |          | 86       | <u> </u>     | $\vdash$ |                 | -        | _               |          |          | +             |          | -        | +            | 136        | _ |          |   | <u> </u>       |          |                  | $\vdash$ |               |   |
|       | 37       | ×-             | <u> </u>   | <u> </u>   | ⊢        | ├—           | $\vdash$      | -                   | <u> </u>      | <u> </u> |    |          | 87       | ⊢            | $\vdash$ | $\vdash$        | -        | _               | -        | $\dashv$ | $\dashv$      | $\dashv$ | _        | $\dashv$     | 137        | _ | $\vdash$ |   | <u> </u>       |          |                  | -        | _             |   |
|       | 38<br>39 | ⊢              | $\vdash$   | $\vdash$   | ⊢        | $\vdash$     | $\vdash$      | +-                  | $\vdash$      | H        |    |          | 88<br>89 | $\vdash$     | Н        | Н               | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$ | -        | +            | 138<br>139 | _ | $\vdash$ |   | ⊢              |          | $\vdash$         | $\vdash$ | -             | _ |
|       | 40       | $\vdash$       | <del>  </del> -                                  | $\vdash$   | $\vdash$ | $\vdash$     | 1             | +                   | ┢             | H        |    |          | 90       | $\vdash$     | Н        | $\vdash$        | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$ | -        | +            | 140        |   | $\vdash$ |   | H              |          |                  | $\vdash$ | $\dashv$      |   |
|       | 41       | $\vdash$       | $\vdash$   | -  | ├        | $\vdash$     | -             | +                   | $\vdash$      |          |    |          | 91       |              | $\vdash$ | Н               |          |                 | $\dashv$ |          | +             | $\dashv$ | -        | +            | 141        | — |          | _ |                | -        |                  | $\vdash$ |               |   |
|       | 42       | $\vdash$       | $\vdash$   | Ė  | ⊢        | $\vdash$     | -             | +-                  | Η.            | -        |    |          | 92       | <del> </del> | Н        | $\vdash$        |          |                 |          |          | -+            | $\dashv$ | -        | +            | 142        |   |          | - | -              |          | -                | $\vdash$ |               |   |
|       | 43       | $\vdash$       | ├─   | -  | $\vdash$ | $\vdash$     | $\vdash$      | +                   | H             | H        |    |          | 93       | $\vdash$     | Н        | Н               | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$ | $\vdash$      | $\dashv$ | <u> </u> | +            | 143        |   | $\vdash$ |   | Η-             |          | $\vdash$         | $\vdash$ | $\dashv$      |   |
|       | 44       | $\vdash$       | <del> </del>                                     | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$      | $\vdash$            | $\vdash$      |          |    |          | 94       | ┢            | $\vdash$ |                 | $\vdash$ | $\dashv$        | -        | $\dashv$ | $\dashv$      | $\dashv$ | $\vdash$ |              | 144        |   |          | - |                |          | -                | $\vdash$ |               |   |
|       | 45       |                |  | -  | T        | -            | t             | +                   | <del> </del>  |          |    |          | 95       | $\vdash$     | H        | H               | $\vdash$ | $\dashv$        | -        | $\dashv$ | $\vdash$      | $\dashv$ |          | $\dashv$     | 145        | - | H        | - | -              | -        | <del>  -  </del> | $\vdash$ |               | - |
|       | 46       | $\vdash$       | $\vdash$   |  | Ė        | Н            | T             |                     |               | Н        |    |          | 96       | <u> </u>     | Н        |                 | -        |                 | $\dashv$ | -        | $\dashv$      | $\dashv$ | $\vdash$ | $\dashv$     | 146        | _ |          |   | H              |          | Н                | H        |               |   |
|       | 47       | H              | <u> </u>   | <del>                                     </del> | $\vdash$ | 1            | T             | 1                   |               | Н        |    | -        | 97       | T            |          | Н               | 一        |                 | $\neg$   | $\neg$   | $\dashv$      | $\dashv$ |          | $\dashv$     | 147        | _ | $\vdash$ |   |                |          | Н                | Н        |               | - |
|       | 48       | Т              |  | $\vdash$   |          | $I^-$        | 1             | T                   | $\vdash$      | Г        |    |          | 98       | T            | П        |                 |          |                 |          |          | _             | $\dashv$ |          | $\dashv$     | 148        |   |          |   |                |          |                  | М        |               |   |
|       | 49       |                |  |  | <u> </u> |              | $\top$        | 1                   | Т             |          |    |          | 99       |              |          |                 |          |                 | $\neg$   |          | $\neg$        | ┪        |          | 7            | 149        |   |          |   |                |          |                  | П        |               | Т |
|       | 50       | 1              | 1  |  | -        |              | $\overline{}$ | $\boldsymbol{\top}$ | $\overline{}$ |          |    |          | 100      | _            | -        | $\vdash$        | -        |                 |          | -        |               | $\dashv$ | $\vdash$ | _            | 150        | _ | $\vdash$ | _ | $\vdash$       | -        | _                | _        |               | _ |